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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2012 Navy **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b>				<b>R-1 ITEM NOMENCLATURE</b>							
1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 6: <i>RDT&amp;E Management Support</i>				PE 0605865N: <i>Operational Test &amp; Eval Capability</i>							
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	12.997	15.746	16.634	-	16.634	16.829	17.159	17.529	17.797	Continuing	Continuing
0831: <i>OPTEVFOR Support</i>	12.516	15.290	16.163	-	16.163	16.347	16.668	17.027	17.286	Continuing	Continuing
2923: <i>Navy JT&amp;E Support</i>	0.481	0.456	0.471	-	0.471	0.482	0.491	0.502	0.511	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

This program element (PE) provides Commander, Operational Test and Evaluation Force (COMOPTEVFOR) general support funding for headquarters annual operating costs and ensures COMOPTEVFOR compliance with Secretary of Defense (SECDEF) and Secretary of the Navy (SECNAV) directives to conduct independent operational testing and evaluation. Funding supports planning, conducting, and reporting on the operational effectiveness and suitability of new and improved systems and recommending fleet usage to the Chief of Naval Operations (CNO). Funding is also used to support ongoing development and implementation of new requirements relative to integrated testing. The CNO, as well as acquisition executives and managers at all levels, have a continuing need for expeditious and efficient conduct of Operational Test and Evaluation (OT&E) by COMOPTEVFOR in support of training and equipping fleet forces. To this end, CNO has increased funding program support for COMOPTEVFOR beginning FY 2011 and beyond as displayed herein. This increase will support COMOPTEVFOR pursuing a variety of senior management initiatives aimed at increasing efficiencies in T&E; new senior management initiatives will include IT database and decision making technology upgrades, implementation of Integrated Testing and Mission Based Test Design across all programs, and improved civilian staffing and expertise in the areas of DON acquisition processes, Modeling and Simulation, Statistical Studies, Cost Analysis, Information Assurance, and similar disciplines. All of these senior management initiatives are aimed at improving the quality of testing and evaluation, thus ensuring delivery to fleet units of fully tested and capable combat systems. OT&E issues have direct long term Navy-wide implications on the Fleet's readiness and war fighting capability. Rapid advances in technology, changes in fleet tactics, and increased complexity of weapons systems and platforms, combined with reductions in manpower, force structure, and budgets have created an increased need for technical and operational analyses that are sophisticated and timely in order to ensure an optimal return on investment of Navy resources. Funding is also provided for Navy support of the Office of the Secretary of Defense (OSD) sponsored Joint Test and Evaluation (JT&E) program.

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1319: Research, Development, Test & Evaluation, Navy		PE 0605865N: Operational Test & Eval Capability				
BA 6: RDT&E Management Support						
B. Program Change Summary (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget		11.960	15.746	16.853	-	16.853
Current President's Budget		12.997	15.746	16.634	-	16.634
Total Adjustments		1.037	-	-0.219	-	-0.219
• Congressional General Reductions			-			
• Congressional Directed Reductions			-			
• Congressional Rescissions		-	-			
• Congressional Adds			-			
• Congressional Directed Transfers			-			
• Reprogrammings		1.200	-			
• SBIR/STTR Transfer		-0.163	-			
• Program Adjustments		-	-	-0.194	-	-0.194
• Rate/Misc Adjustments		-	-	-0.025	-	-0.025
Change Summary Explanation						
Technical: N/A						
Schedule: N/A						

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Navy								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0605865N: Operational Test & Eval Capability				PROJECT 0831: OPTEVFOR Support			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
0831: OPTEVFOR Support	12.516	15.290	16.163	-	16.163	16.347	16.668	17.027	17.286	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
This PE provides COMOPTEVFOR general support funding for headquarters annual operating costs and ensures COMOPTEVFOR compliance with SECDEF and SECNAV directives to conduct independent operational testing and evaluation as well as responding to emerging requirements associated with establishing and maintaining compliance with the Department of the Navy's Continuity of Operation (COOP) Program. Funding supports planning, conducting, and reporting on the operational effectiveness and suitability of new and improved systems and recommending fleet usage to the CNO. To this end, CNO has increased funding program support for COMOPTEVFOR beginning FY 2011 and beyond as displayed herein. This increase will support COMOPTEVFOR pursuing a variety of senior management initiatives aimed at increasing efficiencies in T&E; new senior management initiatives will include IT database and decision making technology upgrades, implementation of Integrated Testing and Mission Based Test Design across all programs, and improved civilian staffing and expertise in the areas of DON acquisition processes, Modeling and Simulation, Statistical Studies, Cost Analysis, Information Assurance, and similar disciplines. All of these senior management initiatives are aimed at improving the quality of testing and evaluation, thus ensuring delivery to fleet units of fully tested and capable combat systems. The CNO has a continuing need for expeditious and efficient conduct of OT&E by COMOPTEVFOR in support of training and equipping fleet forces. OT&E issues have direct long term Navy-wide implications on the Fleet's readiness and war fighting capability. Rapid advances in technology, changes in fleet tactics, and increased complexity of weapons systems and platforms, combined with reductions in manpower, force structure, and budgets have created an increased need for technical and operational analyses that are sophisticated and timely to ensure an optimal return on investment of Navy resources.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2010	FY 2011	FY 2012	
Title: OPTEVFOR SUPPORT								12.516	15.290	16.163	
								0	0	0	
Description: The CNO has increased funding program support for COMOPTEVFOR beginning FY 2011 and beyond. This increase will support COMOPTEVFOR pursuing a variety of senior management initiatives aimed at increasing efficiencies in T&E; new senior management initiatives will include IT database and decision making technology upgrades, implementation of Integrated Testing and Mission Based Test Design across all programs, and improved civilian staffing and expertise in the areas of DON acquisition processes, Modeling and Simulation, Statistical Studies, Cost Analysis, Information Assurance, and similar disciplines. All of these senior management initiatives are aimed at improving the quality of testing and evaluation, thus ensuring delivery to fleet units of fully tested and capable combat systems.											
FY 2010 Accomplishments:											
- Continued to operationally test and evaluate CNO projects commensurate with authorized funding level. Begin initial preparation for implementation of senior management initiatives mentioned previously.											

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Navy		<b>DATE:</b> February 2011	
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605865N: <i>Operational Test &amp; Eval Capability</i>	<b>PROJECT</b> 0831: <i>OPTEVFOR Support</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<p>- Continued to maintain level of effort associated with the DoD 5000-acquisition guidance, which requires increased COMOPTEVFOR involvement in early operational assessments, developmental testing, advanced concept technology demonstrations, and advanced technology demonstrations.</p> <p><b>FY 2011 Plans:</b></p> <p>- Continue all efforts of FY10.</p> <p>- Implement senior management initiatives aimed at increasing efficiencies in T&amp;E including IT database and decision making technology upgrades, implementation of Integrated Testing and Mission Based Test Design across all programs, and improved civilian staffing and expertise in the areas of DON acquisition processes, Modeling and Simulation, Statistical Studies, Cost Analysis, Information Assurance, and similar disciplines. All of these senior management initiatives are aimed at improving the quality of testing and evaluation, thus ensuring delivery to fleet units of fully tested and capable combat systems.</p> <p><b>FY 2012 Plans:</b></p> <p>- Continue previously described efforts of FY11; complete implementation of senior management initiatives above (IT database and decision making technology upgrades, implementation of Mission Based Test Design across all programs, improved civilian staffing expertise in areas previously indicated).</p>			
<b>Accomplishments/Planned Programs Subtotals</b>		12.516	15.290
<b>C. Other Program Funding Summary (\$ in Millions)</b>			
N/A			
<b>D. Acquisition Strategy</b>			
Not applicable.			
<b>E. Performance Metrics</b>			
<p>As indicated in section A above, funding provides for core headquarters operations and support (O&amp;S) costs related to required operational testing and evaluation (T&amp;E) conducted in support of Navy acquisition programs. The preponderance of funding provides for the annual O&amp;S costs for day to day operations of the staff/ headquarters of COMOPTEVFOR, located in Norfolk, Virginia. (Pursuant to DoD Financial Management Regulations and Navy financial policy guidance, as a T&amp;E activity, COMOPTEVFOR's annual support costs are funded via RDTEN vice OMN; hence, and unlike most RDT&amp;EN programs, these funds provide for O&amp;S costs typical of military field commands/activities). Within this project, over 2/3 of the funding supports salaries of assigned civilian personnel. The remaining funds provide for other routine support costs such as travel, IT support, supplies, and other overhead/administrative support costs. The primary metric used within the project involves support for scheduled Navy acquisition program testing and subsequent analysis and reporting of results of testing to appropriate senior Navy acquisition officials and to the Navy chain of command directly to the CNO and various OPNAV/SECNAV staff offices. The performance goal is met when all assigned/scheduled testing and reporting is supported each year. Specific test program success is measured through analytic results of testing conducted throughout the year and constant interaction</p>			

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<p>with program offices, acquisition decision makers, OPNAV staff resource sponsor offices, OSD and other service T&amp;E offices/activities, and miscellaneous other customers/stakeholders. This project also supports testing and evaluation of various Joint/multi-service programs in which the Navy shares responsibilities in support of the acquisition community. The following metrics relate directly to the funding provided and are applicable to current operations.</p> <p>Number of Tests Conducted - FY10 = 101; FY11 = 110; FY12 = 119 Number of Programs Supported - FY10 = 410; FY11 = 420; FY12 = 425</p>		

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<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
2923: <i>Navy JT&amp;E Support</i>	0.481	0.456	0.471	-	0.471	0.482	0.491	0.502	0.511	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**

This project provides funding for Navy support of the OSD-sponsored JT&E program. This funding covers cost associated with facilities, personnel, and administrative support for T&E-focused Navy-led Joint Feasibility Studies and Joint Tests to ensure Navy compliance with requirements established by directive from the SECDEF to carry out the JT&E program. The funding is used for planning, conducting, and reporting the results of T&E-focused JT&E projects to assess the interoperability of recommendations on improvements in joint technical and operational concepts, to evaluate and validate testing methodologies having multi-service application, to assess technical or operational performance of interrelated and/or interacting systems under realistic joint operational conditions, and to provide data from joint field tests and exercises with which to validate models, simulations, and test beds. This funding is essential for Navy participation with the other services in these critical joint areas.

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<b>Title:</b> JOINT TEST & EVALUATION  <div style="text-align: right;"><b>Articles:</b></div>	0.481 0	0.456 0	0.471 0
<b>FY 2010 Accomplishments:</b> - Continue to support JT&E projects as directed by the JT&E Senior Advisory Council.  <b>FY 2011 Plans:</b> - Continue all efforts of FY10.  <b>FY 2012 Plans:</b> - Continue all efforts of FY11.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.481	0.456	0.471

**C. Other Program Funding Summary (\$ in Millions)**  
N/A

**D. Acquisition Strategy**  
N/A

**E. Performance Metrics**  
This project supports testing and evaluation of various Joint/multi-service programs in which the Navy shares responsibilities in support of the acquisition community.

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